Second edition - 2009 initial print

page 35 **EXERCISE 2E.2** question **3 c,** should read:

3   **c** $\sum_{k=1}^{20} \left(\frac{k+3}{2} \right) = 2 + \frac{5}{2} + 3 + \dots + \frac{23}{2}$

This series is arithmetic with $u_1 = 2$, $d = \frac{1}{2}$ and $n = 20$.

$\therefore$ sum $= \frac{n}{2} \left[2u_1 + (n-1)d \right] = \frac{20}{2}[4 + 19 \times \frac{1}{2}] = 135$

page 129 **EXERCISE 6F** question **15,** should read:

15 $\therefore$ the plane has speed approximately 554 km h^{-1}.

page 168 **EXERCISE 9C.2** question **3,** second line should read:

3   The third angle is $180^o - 85^o - 68^o = 27^o$

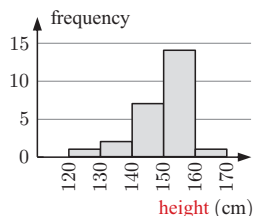Now $\dfrac{\sin 85^o}{11.4} \approx 0.087\,39$ and $\dfrac{\sin 27^o}{9.8} \approx 0.046\,33$

page 171 **EXERCISE 9D** question **9,** second line should have correct units:

9   Using Pythagoras' theorem

$\text{RQ} = \sqrt{4^2 + 7^2} = \sqrt{65} \text{ cm}$

page 290 **EXERCISE 14A** question **3 b,** should have correct x-axis:

3   **b**   The data is continuous, so a frequency histogram should be used.

page 300 **EXERCISE 14D** question **3 c ii,** should read:

3   **c**   **ii**   when age is 26 or less, CF ≈ 150 {**a**}

when age is 27 or less, CF ≈ 158 {**c i**}

$\therefore$ 8 were 27 years old

$\therefore$ P(aged 27) $\approx \dfrac{8}{300} \approx 0.0267$

page 309 **REVIEW SET 14B** question **1 b,** should read:

1   **b**   The range $= 97.5 - 64.6 = 32.9$

So, if intervals of length 5 are used we need about 7 of them.

We choose $60 \leqslant d < 65$, $65 \leqslant d < 70$,

$70 \leqslant d < 75$,   and so on.